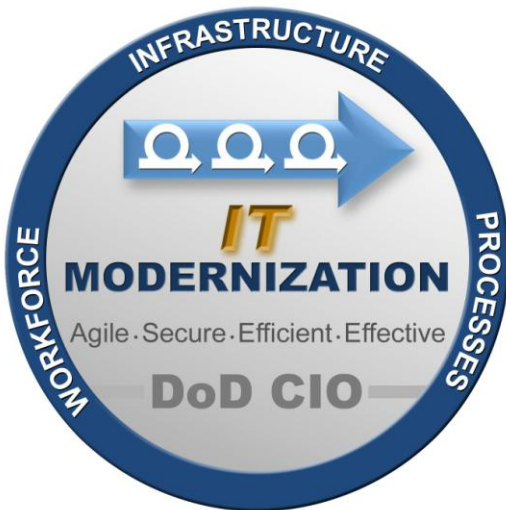




# DoD CIO's 10-Point Plan for IT Modernization

Ms. Teri Takai

DoD CIO





# Executive Summary

## Proactive Partnerships for IT Modernization

- **IT Modernization Strategy**
  - Consolidate Infrastructure
  - Streamline Processes
  - Strengthen Workforce
- **Requires Partnerships Across DoD to achieve**
  - Improved mission effectiveness and user satisfaction
  - Reduced costs
  - Improved cyber security and interoperability
  - Agile, faster, and responsive delivery of IT capabilities

**Enabling Agile, Secure, Efficient, and Effective DoD IT**





# Information Technology is Central to DoD Missions







# Current DoD IT Environment



Hundreds of sub-optimal data centers and networks incur **unnecessary costs**



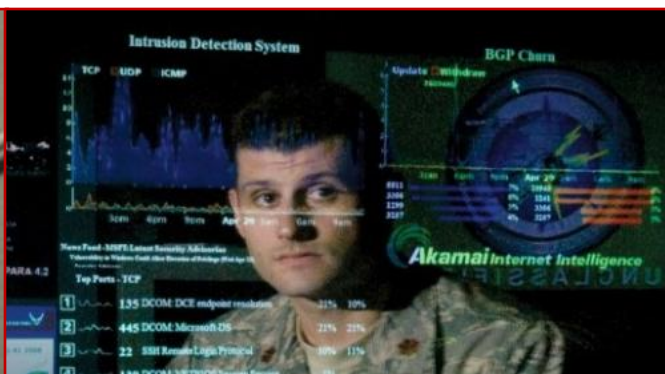
**Limited interoperability** reduces information sharing and mission collaboration



Increasing demand for **new technology** on **rapidly** evolving devices



IT Programs average **81 Months\*** – cannot rapidly and efficiently field new technology to meet warfighter needs



**Cyber security vulnerabilities** threaten to exploit classified information and endanger our national security



Current IT delivery process hinders our ability to take advantage of **new commercial technology**

# DOD IT MODERNIZATION

## CONSOLIDATE INFRASTRUCTURE



**1. Consolidate Enterprise Networks**



**2. Deliver DoD Enterprise Cloud**

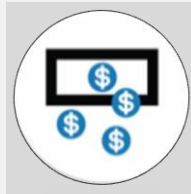


**3. Standardize IT Platforms**

## STREAMLINE PROCESSES



**4. Enable Agile IT**



**6. Strategic Sourcing for IT Commodities**



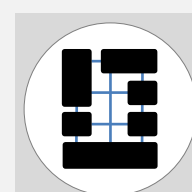
**8. Strengthen IT Investments**



**5. Strengthen IT Governance**



**7. Strengthen Cyber Security**



**9. Improve Enterprise Arch Effectiveness**

## STRENGTHEN WORKFORCE



**10. Modernize IT Guidance and Training**





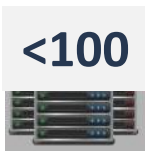
# 1. Consolidate Enterprise Networks



## Consolidate Data Centers

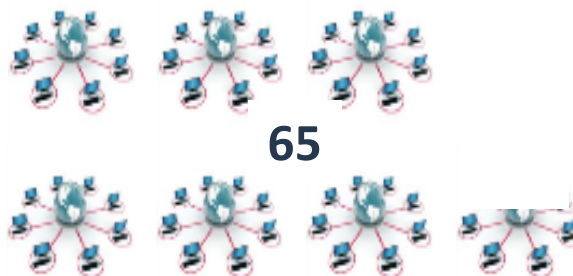


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## Consolidate Network Operations Centers



65



25

## Optimize to a Joint Enterprise Architecture with Secure Access





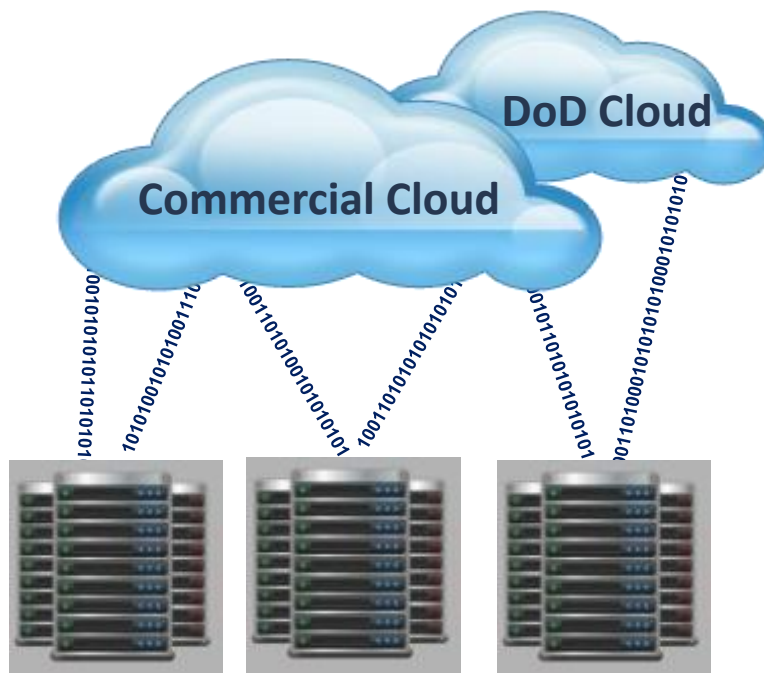
## 2. Deliver DoD Enterprise Cloud



**Develop and execute a strategy and standards for a cyber-secure DoD cloud environment**



**Leverage commercial clouds that meet cyber security requirements**



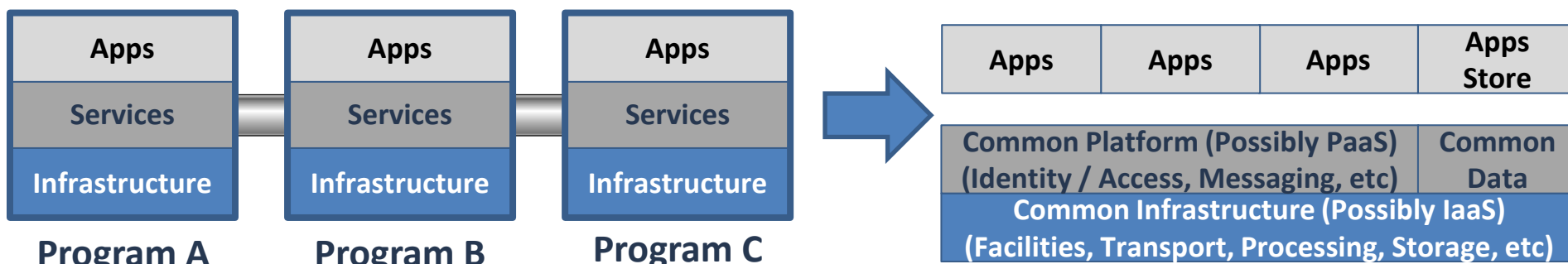




# 3. Standardize IT Platforms



## Minimize program-unique platforms



Design platforms that support a cyber-secure environment



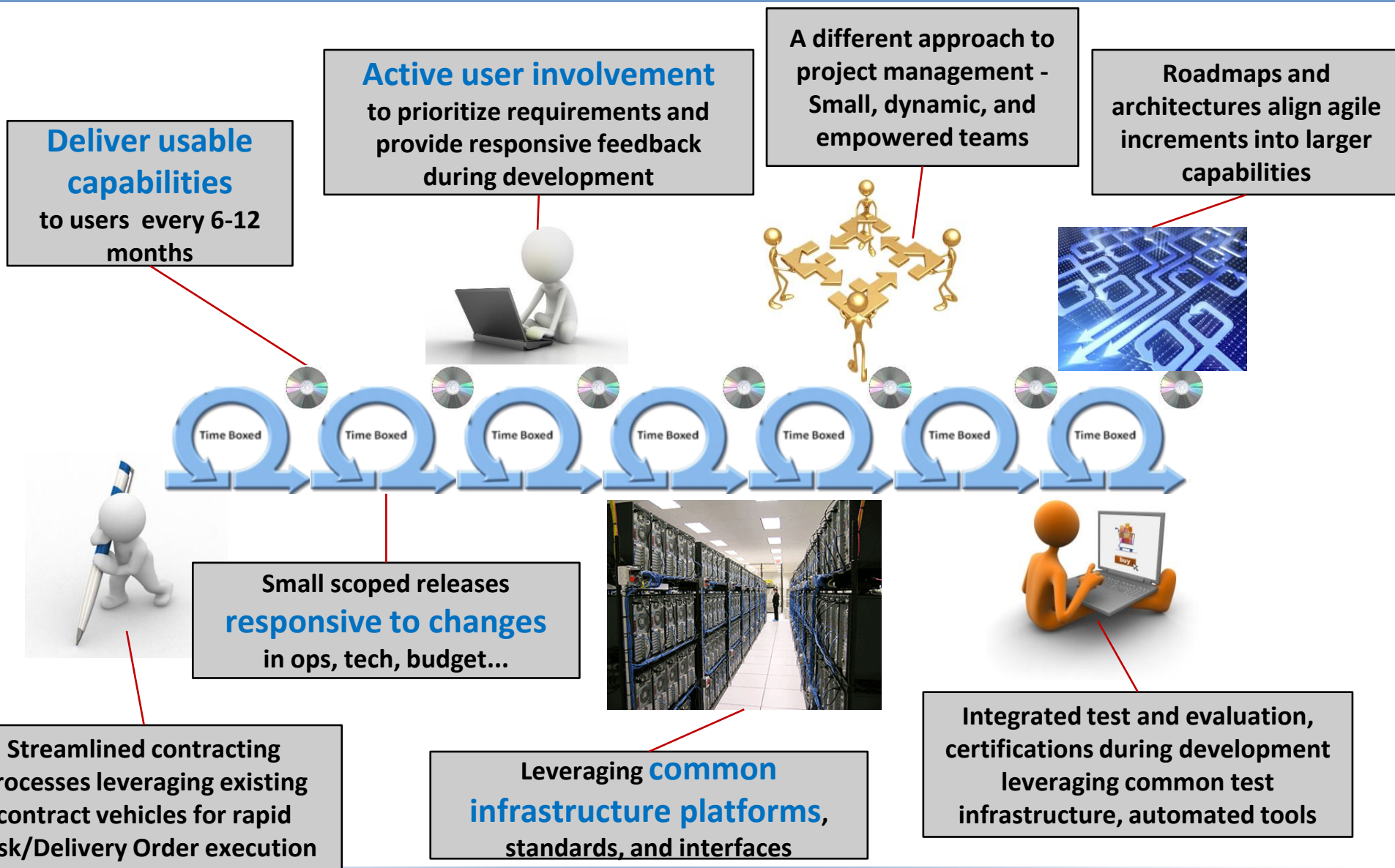
Drive DoD use of standard platforms







## 4. Enable Agile IT





# 5. Strengthen IT Governance



## IT Governance



Restructure IT governance boards for Enterprise view

Streamline compliance processes

Enable Agile, Networked Force

Prioritize IT Capabilities

Prioritize IT Investments

Prioritize IT Technologies



Strategic Planning



Requirements



Budget



Acquisition



## 6. Leverage Strategic Sourcing for IT Commodities



**Enterprise approach for  
procuring common IT  
hardware and software**



**Establish a  
DoD Commodity Council**





# 7. Strengthen Cybersecurity



**Develop enterprise cyber situational awareness, including authentication**



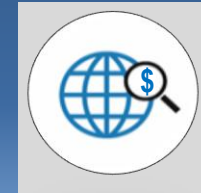
**Leverage automated tools and continual assessments**



**Streamline certification and reinforce reciprocity**



## 8. Strengthen IT Investments



**Obtain transparency of IT investments**



**Align IT Investments to DoD strategies**

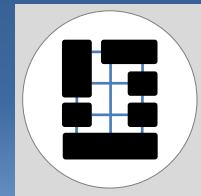


**Review performance of major investments**





# 9. Improve Enterprise Architecture Effectiveness

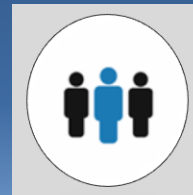


- **Transition from compliance-based process to supporting IT investment decisions**
- **Develop EA Implementation Plan and Instruction**





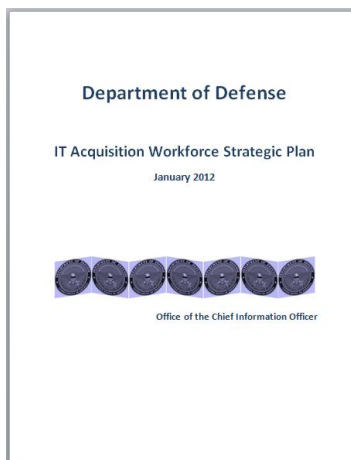
# 10. Modernize IT Guidance and Training



**Modernize IT Acquisition Education and Training**



**Guide Adoption of Agile IT Practices**



**Implement  
DoD IT Acquisition  
Workforce Strategic Plan**



**Develop Career Roadmaps  
For IT Acquisition Personnel**



**Create robust  
IT Acquisition Communities**



# Benefits of Successful IT Modernization



**Increase mission effectiveness**



**Strengthen cyber security**



**Improve outcomes of IT Acquisition**



**Faster capability deliveries**



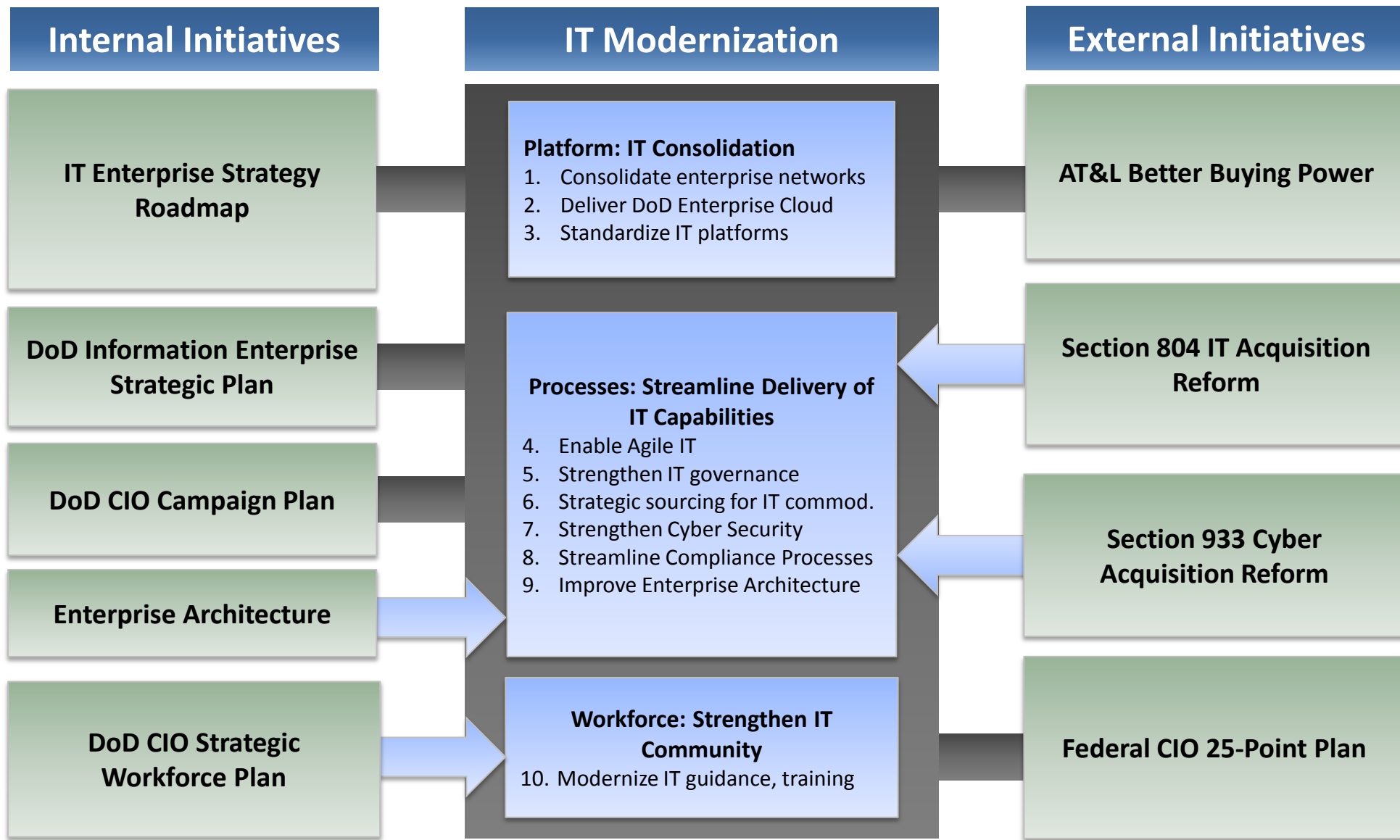
**Improve interoperability**



**Save billions through cost efficiencies**



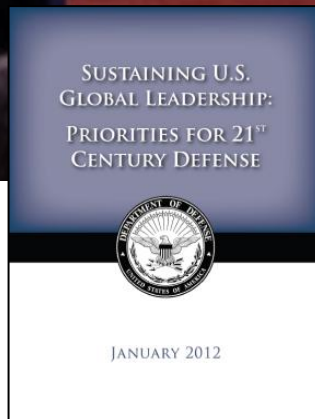
# Alignment with Other Initiatives







# POTUS: “DoD Will Be Agile”



*“The United States is going to maintain our military superiority with armed forces that are **agile**, flexible and ready for the full range of contingencies and threats.”*

- President Obama

*“The US joint force will be smaller and leaner. But its great strength will be that it will be **more agile**, more flexible, ready to deploy quickly, innovative, and technologically advanced. That is the force for the future.”*

- Secretary Panetta